

RECEIVED
CENTRAL FAX CENTER

NOV 28 2006

REMARKS

This amendment is submitted in response to an Office Action mailed August 28, 2006. Applicant respectfully requests reconsideration of the subject application as amended herein.

Claims 1-27 remain in the present application.

Claims 4, 5, 18, and 19 were allowable but objected to as being dependent claims. Applicant has amended claims 4 and 18 to convert them to independent form, including the elements of the respective base claims, to place claims 4, 5, 18, and 19 in condition for allowance.

In the August 28, 2006 Office Action, claims 9-13 and 23-26 were rejected under 35 U.S.C. § 112, second paragraph. Applicant thanks for Examiner for catching the previously undetected informalities in the claims. Applicant respectfully submits that claims 9-13 and 23-26, as amended, now comply with 35 U.S.C. § 112, second paragraph.

In the August 28, 2006 Office Action, claims 1-3, 6-17, and 20-27 were rejected under 35 U.S.C. § 103 as being unpatentable over U.S. Patent No. 6,936,975 issued to Lin et al. (hereinafter "Lin") in various combinations with one or more of the following:

U.S. Patent No. 6,724,174 issued to Esteves et al. (hereinafter "Esteves"),

U.S. Application 20020118182 by Weindorf (hereinafter "Weindorf"), and

U.S. Patent No. 6,750,842 issued to Yu (hereinafter "Yu").

- 11 -

Atty. Docket No.: P17636
Application No.: 10/750,140

As discussed below, Applicant has amended the claims to clearly distinguish over the cited references. For example, amended claim 8 includes:

An apparatus comprising:
an inverter component for a backlight for a display; and
a controller for the inverter component, said controller to operate the inverter component in either a continuous mode or a burst mode based at least in part on a brightness setting for the display.

In amended claim 8, a controller can select between two different ways to operate an inverter for a backlight in a display based at least in part on the brightness setting for the display. As discussed in the Specification at Page 4, Lines 22-31, embodiments of amended claim 8 do not require any kind of feedback signal from the backlight. In other words, the brightness setting for the display is something different and distinct from a feedback signal.

LIN

In contrast, Lin describes generating a feedback signal that is indicative of the voltage and/or current conditions at a backlight, and using that feedback signal to adjust the voltage and/or current supplied to the backlight (Lin: col. 4, lines 57-64).

Applicant respectfully submits that Lin does not suggest, disclose, or enable "a controller ... to operate the inverter component ... based at least in part on a brightness setting for the display," as claimed in amended claim 8.

RECEIVED
CENTRAL FAX CENTER

NOV 28 2006

ESTEVEZ

Esteves was cited for teaching a "power supply regulator that selects either a continuous mode of operation ... or a burst mode of operation for the voltage inverter" (August 28, 2006 Office Action, Pages 3-4). Assuming for the sake of argument that the Office Action is correct with respect to the teachings of Esteves, Esteves, like Lin, describes using a feedback signal voltage from the load to select the mode of operation (Esteves: col. 5, lines 4-29).

Therefore, Applicant respectfully submits that Esteves does not cure the deficiencies of Lin as described above.

WEINDORF

Weindorf is directed to adjusting display luminance as a function of ambient light (Weindorf: Para. 12). Applicant respectfully submits Weindorf has nothing whatsoever to do with selecting modes of operation for a backlight inverter, much less using a display brightness setting to select among the modes.

Therefore, Applicant respectfully submits that Weindorf does not cure the deficiencies of Lin as described above.

YU

Yu was cited for teaching "a backlight control circuit for a full-bridge circuit" (August 28, 2006 Office Action, Page 8). Assuming for the sake of argument that the Office Action is correct with respect to the teachings of Yu, Applicant

- 13 -

Atty. Docket No.: P17636
Application No.: 10/750,140

RECEIVED
CENTRAL FAX CENTER

NOV 28 2006

respectfully submits Yu has nothing whatsoever to do with selecting modes of operation for a backlight inverter, much less using a display brightness level to select among the modes.

Therefore, Applicant respectfully submits that Yu does not cure the deficiencies of Lin as described above.

CONCLUSION

Thus, for at least the reasons discussed above, Applicant respectfully submits that amended claim 8 is patentable over Lin, Esteves, Weindorf, Yu, or any combination thereof.

Applicant submits that the reasoning presented above with respect to amended claim 8 similarly applies to claims 1-3, 6, 7, 9-17, and 20-27, as amended. Thus, for at least the reasons discussed above, Applicant respectfully submits that claims 1-3, 6, 7, 9-17, and 20-27 are likewise patentable over Lin, Esteves, Weindorf, Yu, or any combination thereof.

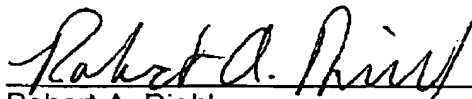
In conclusion, Applicant respectfully submits that claims 1-27 are now in a condition for allowance, and Applicant respectfully requests allowance of such claims.

Please charge any shortages and credit any overages to our Deposit Account No. 50-0221.

Respectfully submitted,

INTEL CORPORATION

Date: 11/28, 2006



Robert A. Diehl
Reg. No. 40,992

INTEL LEGAL
SC4-202
P.O. Box 5326
Santa Clara, CA 95056-5326
Phone: (503) 712-1880
FAX: (503) 264-1729

- 15 -

Atty. Docket No.: P17636
Application No.: 10/750,140